



Western Michigan University  
ScholarWorks at WMU

---

Legacy Scout Tickets from Pure Oil Company

---

8-20-2021

**MGRRE\_PureOilScoutTickets\_Buxton, A J\_2\_21133123850000**

MGRRE

*Western Michigan University*

Follow this and additional works at: <https://scholarworks.wmich.edu/pure>



Part of the Geology Commons

---

#### WMU ScholarWorks Citation

MGRRE, "MGRRE\_PureOilScoutTickets\_Buxton, A J\_2\_21133123850000" (2021). *Legacy Scout Tickets from Pure Oil Company*. 8575.

<https://scholarworks.wmich.edu/pure/8575>

This Document is brought to you for free and open access via ScholarWorks at WMU. It has been accepted for inclusion in Legacy Scout Tickets from Pure Oil Company by an authorized administrator of ScholarWorks at WMU. See the National Digital Catalogue - Science Base Catalogue for more collections submitted by MGRRE.



---

**MGRRE\_PureOilScoutTickets\_Buxton, A J\_2\_21133123850000**

API 21133123850000

Permit Number 12385

Lease Name Buxton, A J

Well Number 2

County Osceola

Township 17N

Range 07W

Section 13

2021 DEQ or Pure co\_name Mid Michigan Gas well in Stray. Stratigraphic and production data.  
orage Company

Pure Number 555

Latitude 43.8597844

Longitude -85.090362

**THE PURE OIL COMPANY**

SERIAL NO. 555

LOC. C N $\frac{1}{2}$  SE SE

STATUS\_\_\_\_\_

Changing Well Number from #1.

NORTH

13

555  
○ 1
















DATE 3-5-47 SCOUT H. J. G.

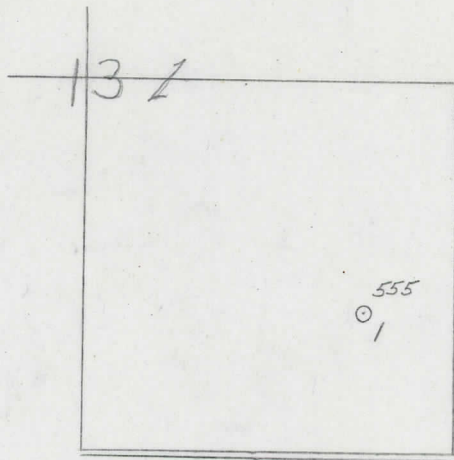
# THE PURE OIL COMPANY LOCATION REPORT

Date June 19, 1946 A.F.E. No. A. J. Buxton  
 Division Mich. Producing District \_\_\_\_\_ Lease A. J. Buxton  
 Acres C-N/2 - SE-SE Lease No. 13 Elevation 17N Well No. 1 (Serial No. 555)  
 Quadrangle C N<sub>2</sub> SE SE Sec. 13 Twp. 17 N Rge. 7 W Twp. Orient  
 Survey Sohio Petroleum Co. County Osceola State Michigan  
 Operator Sohio Petroleum Company Map Orient Township, Osceola County

<u>660</u>	<u>660</u>	Feet from North Line of Lease
<u>990</u>	<u>990</u>	" " East " " "
		" " South " " "
		" " West " " "
<u>660</u>	<u>660</u>	Feet from North Line of Section
<u>990</u>	<u>990</u>	" " East " <u>1/4</u> "
		" " South " " "
		" " West " " "

## LEGEND

-  Gas Well
-  Oil Well
-  Gas - Distillate Well
-  or  Dry Hole
-  Dry Showing Oil
-  Location
-  Dry Showing Gas
-  Abandoned Location
-  or  Abandoned Gas Well
-  or  Abandoned Oil Well
-  or  Input Well



Remarks: \_\_\_\_\_ Scale \_\_\_\_\_

Submitted by CB Civil Engineer Approved by \_\_\_\_\_ Division Manager

Approved by \_\_\_\_\_ Vice-President - General Manager



Date

JUNE 10 1946

LOCATION BEBOBI

V.E.E. NO.

THE PURE OIL COMPANY

THE PURE OIL COMPANY

## COMPLETION RECORD OF WELLS DRILLED BY OTHER OPERATORS

Michigan Producing

DIVISION

Date November 20, 1946

No. 555

State Mich. Co. Osceola

~~Dissect~~  
Twp.

Orient

Sec. 13

Twp. 17 N

Rge. 7 W

Well No. 1 Serial No. 555

Farm

A. J. Buxton

Acres

Operator Sohio Petroleum Company

Date started 6-22-46

Date completed

8-15-46

Elevation

1052.5

## PRODUCTION RECORD

1st 24 hours natural

Temporarily Abandoned.

Date of shot No. of  
quarts

From

To

From

To

Date of acid 9-3-46 No. of gallons

500 - Mud Acid - Formation took 200 gals. under  
2600# Top Hole Pressure.

1st 24 hours after acid

No results.

Completed as:

Oil Well

Gas Well

Dry Hole

Temporarily Abandoned.

## FORMATION AND CASING RECORD

Formation	Top	Bottom	Top Pay	Bottom Pay	Remarks	Casing	
						Size	Set at
Brown Dolomite	1382	Schlum.	(-326)		elevation of 1055 to R.D.B.	13-3/8"	503
Dol. Stray	1467	"				8-5/8"	1848
Mich. Stray (Good Sand)	1503	"	(-448)			5-3/16"	5112
Marshall	(-743)	1796	Schlum.				
Traverse Lime	3238	Schlum.	(-2185)				
Dundee	3865	"	(-2812)		elevation of 1053 P.F.	3865	
Detroit River	4100	"	(-3041)			18.53	
Salt (First)	4196	D.S.M.	(-3143)			28.3	
Salt (Last)		4609	D.S.M.	(-3556)			
Freer Sand	5044	D.S.M.	(-3991)				
Total Depth		5112	(-4059)				
Plugged back:		5083	(-4030)				

Remarks Schlumberger run at 4144'. See attached page for core information, etc.

Signed Harry J. Gaspeny



CONTELLION REPORT OF WELLS DRILLED BY OTHER OBSERVERS  
Gulf Petroleum Co. - A. J. Buxton #1  
Section 13, Orient Township, Osceola County

CORE INFORMATION, ETC.

- Core No. 1 3860 to 3878 Rec. 17'9" (12'6" dark gr. fossil, shale - 5'1" Limestone, 2" Limestone with small show oil & gas).
- Core No. 2 4986 to 4991 No recovery.
- Core No. 3 5013 to 5022½ Rec. 9'6" Dolomite with very slight trace of bleeding gas.
- No. 4 5022½ to 5035½ Rec. 8'1" Dolomite with trace of sand streaks - occasional bleeding in dolomite.
- No. 5 5035½ to 5048 Rec. 12'6" (8'9" Dk. Br. fine grain dolomite, 3'9" Hd. Gr. Lime cemented sand).
- No. 6 5048 to 5053½ Rec. 5'9" (2'5" light tan sand with trace Anhydrite 9" from top; 1'1" black to brown banded sand; 2'3" light tan well sorted sand with some porosity, slight gas bleed and oil coloration).
- No. 7 5053½ to 5061½ Rec. 8' (5'6" light gr. to tan medium grained sand with some porosity and show gas; 10" banded sand with streaks quartzite and trace of Anhydrite; 1'8" tight medium grained sand).
- D.S.T. from 5041 to 5060 - open 1 hour - gauged 362,000 cu. ft. gas in 15 minutes; 517,000 cu. ft. gas in 29 minutes; B.H.P. 2450 lbs. At end of D.S.T. gas appears dry.
- Core No. 8 5061½ to 5065 Rec. 2'1" (3½" light tan medium grained tight sand; 1'9½" light grey fine grained very tight sand with nodules of Anhydrite).
- Core No. 9 5066 to 5071 Rec. 4'10" (6" tight gr. quartzite sand with thin dol. partings, bleeding gas; 10" sand with no shows).
- Core No. 10 5071 to 5076' 8" Rec. 6' (2'8" light gr. to coarse medium grained sand - tight - no shows; 2'7" ditto - bleeding gas; 9" same - no shows).
- D.S.T. from 5060½ - 5076 - open 1 hour - showed no gas at surface - recovered 65 ft. mud and two stands of gas trapped in drill pipe.
- Core No. 11 5076'8" to 5080' Rec. 1'4" light grey tight sand.
- Core No. 12 5086 to 5097 Rec. 9'10" (2'10" br. vugular dol. ls. bleeding gas; 5 ft. blk. fossil ls. bleeding gas and salt water; 2' fossil ls. and Anhydrite).
- D.S.T. from 5076 to 5097 - open 1½ hours - recovered 150 ft. muddy salt water.
- Perforated with 2 shots at 5043 - attempted drill stem test - packer did not hold.
- Perforated with 85 shots from 5049 to 5064 - gauged 920,000 cu. ft. gas - blew out some mud and small amount of distillate.

Harry J. Gaspeny  
Scouting Department